

## M23

### IF 2-3

1. Šmigić, J.; Sabo, T.; Vranić, A.; Živković, V.; Srejović, I.; Turnić, T. N.; Milosavljević, I.; Poljarević, J.; Krivokapić, M.; Bolevich, S.; Jakovljević, V. Chronic Effects of Platinum(IV) Complex and Its Diamine Ligand on Rat Heart Function: Comparison with Cisplatin. *Molecular and Cellular Biochemistry* **2019**, *458* (1–2), 89–98. <https://doi.org/10.1007/s11010-019-03533-8>. IF<sub>2018</sub> = 2,884
2. Stanković, D.; Ristić, S. M.; Vukadinović, A.; Mirković, M. D.; Vladimirov, S. S.; Milanović, Z.; Radović, M.; Mijović, M.; Stanković, D.; Sabo, T.; Vranješ-Đurić, S.; Janković, D. Toxicity Study of DE-EDCP as a Potential Drug for Cancer Therapy: Toxicity Profile of DE-EDCP. *Human and Experimental Toxicology* **2019**, *38* (4), 466–481. <https://doi.org/10.1177/0960327118819047>. IF<sub>2018</sub> = 2,171
3. Izrael-Živković, L.; Beškoski, V.; Rikalo vić, M.; Kazazić, S.; Shapiro, N.; Woyke, T.; Gojgić-Cvijović, G. D.; Vrvić, M. M.; Maksimović, N.; Karadžić, I. M. High-Quality Draft Genome Sequence of Pseudomonas Aeruginosa San Ai, an Environmental Isolate Resistant to Heavy Metals. *Extremophiles* **2019**, *23* (4), 399–405. <https://doi.org/10.1007/s00792-019-01092-w>. IF<sub>2018</sub> = 2,046

### IF 1-2

4. Veljković, D. Ž.; Đunović, A. B.; Zarić, S. D. Significant Differences in the Energy of X-H/Pt Interactions between Cisplatin and Transplatin Molecules. *ChemistrySelect* **2019**, *4* (44), 12909–12914. <https://doi.org/10.1002/slct.201903296>. IF<sub>2018</sub> = 1,716
5. Perić, M.; Kyne, S. H.; Gruden, M.; Rodić, M.; Jeremić, D.; Stanković, D.; Brčeski, I. Synthesis, Structural and DFT Analysis of a Binuclear Nickel(II) Complex with the 1,4-Bis[2-[2-(Diphenylphosphino)Benzylidene]]Phthalazinylhydrazone Ligand. *Monatshefte für Chemie* **2019**, *150* (7), 1241–1248. <https://doi.org/10.1007/s00706-019-02405-7>. IF<sub>2018</sub> = 1,501
6. Menghiu, G.; Ostafe, V.; Prodanović, R.; Fischer, R.; Ostafe, R. Biochemical Characterization of Chitinase A from Bacillus Licheniformis DSM8785 Expressed in Pichia Pastoris KM71H. *Protein Expression and Purification* **2019**, *154*, 25–32. <https://doi.org/10.1016/j.pep.2018.09.007>. IF<sub>2018</sub> = 1,291
7. Trivić, D.; Džinović, M.; Milanović, V. D.; Živković, L. S. Cooperation of the Pre-Service Chemistry and Geography Teachers on an Interdisciplinary Lesson Planning. *Journal of Baltic Science Education* **2019**, *18* (4), 620–633. <https://doi.org/10.33225/jbse/19.18.620>. IF<sub>2018</sub> = 1,024

### IF <1

8. Hoxha, F.; Kongoli, R.; Malollari, I. Xh.; Tosti, T.; Milojković-Opsenica, D.; Tešić, Ž. Lj. Analysis of Some Albanian Market Honey Based on 5-Hydroxymethylfurfural (HMF) Content with Its Impact on Human Health. *Journal of Environmental Protection and Ecology* **2019**, *20* (1), 496–504. IF<sub>2018</sub> = 0,634
9. Spaho, N.; Đukic-Ratković, D.; Nikićević, N.; Blesić, M.; Tešević, V.; Mijatović, B.; Smajić Murtić, M. Aroma Compounds in Barrel Aged Apple Distillates from Two Different Distillation Techniques. *Journal of the Institute of Brewing* **2019**. <https://doi.org/10.1002/jib.573>. IF<sub>2018</sub> = 0,994
10. Trifunović-Macedoljan, J.; Pantelić, N. Đ.; Jadranin, M.; Juranić, I. O. Biogenic Amines Content in the Serum of Patients with Non-Hodgkin's Lymphoma. *Revue Roumaine de Chimie* **2019**, *64* (8), 681–686. <https://doi.org/10.3224/rrch.2019.64.8.05>. IF<sub>2018</sub> = 0,395
11. Zlatar, M.; Gruden, M. Calculation of the Jahn-Teller Parameters with DFT. *Journal of the Serbian Chemical Society* **2019**, *84* (8), 779–800. <https://doi.org/10.2298/JSC190510064Z>. IF<sub>2018</sub> = 0,828
12. Rajan, S.; Pattanaik, A.; Kumaresan, V.; Bhatt, P.; Gunasekaran, S.; Arockiaraj, J.; Pasupuleti, M.; Beškoski, V.; Chakraborty, P. Characterization of Some Naphthalene Using Bacteria Isolated from Contaminated Cooum Riverine Sediment of the Bay of Bengal (India). *Journal*

- of the Serbian Chemical Society* **2019**, 84 (2), 225–236.  
<https://doi.org/10.2298/JSC180724088R>. IF<sub>2018</sub> = 0,828
13. Životić, D. R.; Cvetković, O.; Vulić, P. J.; Gržetić, I.; Simić, V.; Ilijević, K.; Dojčinović, B. P.; Erić, S.; Radić, B.; Stojadinović, S.; Trifunović, S. S. Distribution of Major and Trace Elements in the Kovin Lignite (Serbia). *Geologija Croatica* **2019**, 72 (1), 51–79.  
<https://doi.org/10.4154/gc.2019.06>. IF<sub>2018</sub> = 0,756
14. Spasojević, M.; Marković, D.; Spasojević, M.; Vuković, Z.; Maričić, A.; Ribić-Zelenović, L. Effect of Deposition Current Density and Annealing Temperature on the Microstructure and Magnetic Properties of Nanostructured Ni-Fe-W-Cu Alloys. *Science of Sintering* **2019**, 51 (2), 1–13. <https://doi.org/10.2298/SOS1902209S>. IF<sub>2018</sub> = 0,885
15. Milojkov, D.; Stanić, V.; Dimović, S.; Mutavdžić, D.; Živković-Radovanović, V.; Janjić, G. V.; Radotić, K. Effects of Ag<sup>+</sup> Ion Doping on UV Radiation Absorption and Luminescence Profiles of Fluorapatite Nanomaterials Obtained by Neutralization Method. *Acta Physica Polonica A* **2019**, 136 (1), 86–91. <https://doi.org/10.12693/APhysPolA.136.86>. IF<sub>2018</sub> = 0,609
16. Baranac Vukanović, S. B.; Tadić, V. M.; Blagojević, N.; Vukašinović Pešić, V.; Đurđić, S. Z.; Stanković, M.; Mutić, J. Element Accumulation Capacity of *Vaccinium myrtillus* from Montenegro: Comparison of Element Contents in Water and Ethanol Extracts of Bilberry Plant Parts. *Archives of Biological Sciences* **2019**, 71 (1), 145–157.  
<https://doi.org/10.2298/ABS181004056B>. IF<sub>2018</sub> = 0,554
17. Ušjak, L.; Sofrenić, I. V.; Tešević, V.; Drobac, M.; Niketić, M.; Petrović, S. Fatty Acids, Sterols, and Triterpenes of the Fruits of 8 *Heracleum* Taxa. *Natural Product Communications* **2019**, 14 (6). <https://doi.org/10.1177/1934578X19856788>. IF<sub>2018</sub> = 0,554
18. Milinčić, D.; Kostić, A.; Špirović Trifunović, B.; Tešić, Ž.; Tosti, T.; Dramičanin, A. M.; Barać, M.; Pešić, M. Grape Seed Flour of Different Grape Pomaces: Fatty Acid Profile, Soluble Sugar Profile and Nutritional Value. *Journal of the Serbian Chemical Society* **2019**, 85 (3), 305–319.  
<https://doi.org/10.2298/JSC190713117M>. IF<sub>2018</sub> = 0,828
19. Gajić, N.; Kamberović, Ž.; Andić, Z.; Korać, M.; Trpčevská, J.; Stamatović, M. Improving the Synthesis Process of Tribological Materials Based on Tin Sulphides by Adding Graphite as Additive. *Journal of the Serbian Chemical Society* **2019**, 84 (4), 423–433.  
<https://doi.org/10.2298/JSC180628102G>. IF<sub>2018</sub> = 0,828
20. Đokić-Stojanović, D. R.; Todorović, Z. B.; Troter, D. Z.; Stamenković, O. S.; Veselinović, L. M.; Zdujić, M. V.; Manojlović, D. D.; Veljković, V. B. Influence of Various Cosolvents on the Calcium Oxide-Catalyzed Ethanolysis of Sunflower Oil. *Journal of the Serbian Chemical Society* **2019**, 84 (3), 253–265. <https://doi.org/10.2298/JSC180827007D>. IF<sub>2018</sub> = 0,828
21. Krstić, G.; Jadranin, M.; Stanković, M.; Aljančić, I.; Vujisić, Lj.; Mandić, B.; Tešević, V. Jatrophane Diterpenoids With Protective Effect on Human Lymphocytes DNA. *Natural Product Communications* **2019**, 14 (5). <https://doi.org/10.1177/1934578X19848168>. IF<sub>2018</sub> = 0,554
22. Krstić, G.; Aljančić, I.; Stanković, J.; Cvetković, M.; Marin, P. D.; Janaćković, P. T.; Tešević, V. Leaf Epicuticular Waxes of Eleven Euphorbia Species (Euphorbiaceae) from the Central Balkans: Impact on Chemotaxonomy. *Archives of Biological Sciences* **2019**, 71 (1), 21–26.  
<https://doi.org/10.2298/ABS180608041K>. IF<sub>2018</sub> = 0,554
23. Ljekočević, M.; Jadranin, M.; Stanković, J.; Popović, B.; Nikićević, N.; Petrović, A.; Tešević, V. Phenolic Composition and DPPH Radical Scavenging Activity of Plum Wine Produced from Three Plum Cultivars. *Journal of the Serbian Chemical Society* **2019**, 84 (2), 141–151.  
<https://doi.org/10.2298/JSC180710096L>. IF<sub>2018</sub> = 0,828
24. Avramović, N.; Ignjatović, N.; Savić, A. Platinum and Ruthenium Complexes as Promising Molecules in Cancer Therapy. *Srpski Arhiv za Celokupno Lekarstvo* **2019**, 147 (1–2), 105–109.  
<https://doi.org/10.2298/SARH180706075A>. IF<sub>2018</sub> = 0,299
25. Šaponjić, A.; Šaponjić, Đ.; Perović, I.; Vuković, M.; Nikolić, V.; Kaninski, M. M.; Kokunešoski, M. Synthesis and Characterization of Co-Mo Bimetallic Carbides. *Science of Sintering* **2019**, 51 (3), 319–326. <https://doi.org/10.2298/SOS1903319S>. IF<sub>2018</sub> = 0,885

26. Penjišević, J.; Andrić, D.; Šukalović, V.; Roglić, G.; Šoškić, V.; Kostić-Rajačić, S. Synthesis of Novel 2-(Piperazino-1-Yl-Alkyl)-1H-Benzimidazole Derivates and Assessment of Their Interactions with the D2 Dopamine Receptor. *Journal of the Serbian Chemical Society* **2019**, *84* (9), 925–934. <https://doi.org/10.2298/JSC181029104P>. IF<sub>2018</sub> = 0,828
27. Bihelović, F.; Ferjančić, Z.; Jončev, Z. Synthesis of Two Novel C-19 Analogues of ( $\pm$ )-Alstoscholarisine A. *Journal of the Serbian Chemical Society* **2019**, *84* (9), 935–941. <https://doi.org/10.2298/JSC190212026B>. IF<sub>2018</sub> = 0,828
28. Krstić, M. P.; Petković, B. B.; Milčić, M. K.; Mišić, D. R.; Francisco Santibanez, J. Synthesis, Characterization and Biological Study of New Dinuclear Zinc(II) and Nickel(Ii) Octaaza Macrocyclic Complexes. *Macedonian Journal of Chemistry and Chemical Engineering* **2019**, *38* (1), 1–11. <https://doi.org/10.20450/mjcce.2019.1599>. IF<sub>2018</sub> = 0,644
29. Šegan, S. B.; Opsenica, D. M.; Milojković-Opsenica, D. Thin-Layer Chromatography in Medicinal Chemistry. *Journal of Liquid Chromatography and Related Technologies* **2019**, *42* (9–10), 238–248. <https://doi.org/10.1080/10826076.2019.1585615>. IF<sub>2018</sub> = 0,987
30. Đokić-Stojanović, D. R.; Todorović, Z. B.; Troter, D. Z.; Stamenković, O. S.; Veselinović, L. M.; Zdujić, M. V.; Manojlović, D. D.; Veljković, V. B. Triethanolamine as an Efficient Cosolvent for Biodiesel Production by Cao-Catalyzed Sunflower Oil Ethanolysis: An Optimization Study. *Hemija Industrija* **2019**, *73* (6), 351–362. <https://doi.org/10.2298/HEMIND190822033D>. IF<sub>2018</sub> = 0,566
31. Nikolić, M.; Pavlović, A.; Mitić, S. S.; Tošić, S. B.; Mitić, M. N.; Kaličanin, B. M.; Manojlović, D. D.; Stanković, D. Use of Cyclic Voltammetry to Determine the Antioxidant Capacity of Berry Fruits: Correlation with Spectrophotometric Assays. *European Journal of Horticultural Science* **2019**, *84* (3), 152–160. <https://doi.org/10.17660/eJHS.2019/84.3.5>. IF<sub>2018</sub> = 0,726
32. Stanković, M.; Bartolić, D.; Šikoparija, B.; Spasojević, D.; Mutavdžić, D.; Natić, M.; Radotić, K. Variability Estimation of the Protein and Phenol Total Content in Honey Using Front Face Fluorescence Spectroscopy Coupled with MCR–ALS Analysis. *Journal of Applied Spectroscopy* **2019**, *86* (2), 256–263. <https://doi.org/10.1007/s10812-019-00809-1>. IF<sub>2018</sub> = 0,675
33. Nikolić, B.; Matović, M.; Mladenović, K.; Todosijević, M.; Stanković, J.; Đorđević, I.; Marin, P. D.; Tešević, V. Volatiles of Thymus Serpyllum Obtained by Three Different Methods. *Natural Product Communications* **2019**, *14* (6). <https://doi.org/10.1177/1934578X19856254>. IF<sub>2018</sub> = 0,554
34. Ristivojević, P.; Morlock, G. Phenolic Fingerprints and Quality Assessment of Three Types of Beer. *JPC - Journal of Planar Chromatography - Modern TLC* **2019**, *32*, 191–196. <https://doi.org/10.1556/1006.2019.32.3.3>. IF<sub>2018</sub> = 0,826
35. Ilić, I.; Jović-Jovičić, N.; Banković, P.; Mojović, Z.; Lončarević, D.; Gržetić, I.; Milutinović-Nikolić, A. Adsorption of Nicotine from Aqueous Solutions on Montmorillonite and Acid-Modified Montmorillonite. *Science of Sintering* **2019**, *51* (1) 93-100. <http://www.doiserbia.nb.rs/img/doi/0350-820X/2019/0350-820X1901093I.pdf> IF<sub>2018</sub> = 0,885
36. Ljesevic, M.; Gojic-Cvijovic, G.; Stanimirovic, B.; Beskoski, V.; Brceski, I. Microbially-induced deterioration of concrete from hydroelectric power plants – an initial study, *Journal of Environmental Protection and Ecology*, **2019**, *20* (3), 1180–1188. IF<sub>2018</sub> = 0,634
37. Stamenković Stojanović, S.; Karabegović, I.; Beškoski, V.; Nikolić, N.; Lazić, M. *Bacillus* based microbial formulations: Optimization of the production process, *Hemija Industrija* **2019**, *73* (3), 169-182. <https://doi.org/10.2298/HEMIND190214014S> IF<sub>2018</sub> = 0,566
38. Tadić, D.; Popović, M.; Gavrović-Jankulović, M.; Đurić, V.; Tomić-Špirić, V.; Rašković, S. S.; Perić Popadić, A. A Real-Life Study of the Efficacy of Sublingual Immunotherapy against Weed Allergies in the Serbian Population. *Revue Francaise d'Allergologie* **2019**, *59* (7), 474–480. <https://doi.org/10.1016/j.reval.2019.05.006>. IF<sub>2018</sub> = 0,262